

See See A666
90820-1115

TRANSMITTAL LETTER



Weston Solutions, Inc.
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Approved by:
DSC - Adam Adams

9 January 2009

To: U.S. Environmental Protection Agency

CLIENT / PROJECT: EPA/Acknowledgment of Completion
Report for KMCO TEG Release; 16503
Ramsey Road; Intersection of Ramsey
Road & Crosby Road; Crosby, Harris
County, Texas

1445 Ross Avenue
Dallas, TX 75202

Contract No. EP-W-06-042
TDD: TO-0001-08-11-02
DCN:
Date: 22 December 2008

Attn: ☒ Ginny Hope (6SF-VC)
☐ Lamonica Collins (6SF-RO)

WESTON TRANSMITS THE FOLLOWING:

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Report/Work Plan | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Calculations |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Meeting Minutes | <input type="checkbox"/> Product Information |
| <input type="checkbox"/> Memorandum | <input type="checkbox"/> Drawings | <input type="checkbox"/> Other |

ITEM NO.	NO. COPIES	DESCRIPTION	ACTION
1	2	EPA/Acknowledgment of Completion Report for KMCO TEG Release; 16503 Ramsey Road; Intersection of Ramsey Road & Crosby Road; Crosby, Harris County, Texas	D

A - For Your Information

D - For Your Files

B - For Your Approval

E - Reply Requested

C - For Your Review and Comment

F - Other

REMARKS: If you have any questions and/or comments, please contact Thomas Walzer in our Houston office at 713-985-6600 at your earliest convenience.

COPIES TO: 1 DTX
2 EPA
Non-Petroleum - Ginny Hope (6SF-VC)
Petroleum Related - Lamonica Collins (6SF-RO)

SIGNED:

Thomas Walzer
Project Team Leader

9107840



ACKNOWLEDGMENT OF COMPLETION REPORT
FOR
KMCO TEG RELEASE
16503 RAMSEY ROAD
INTERSECTION OF RAMSEY ROAD & CROSBY DAYTON ROAD
CROSBY, HARRIS COUNTY, TEXAS

Prepared for

U.S. Environmental Protection Agency

Linda Carter, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. EP-W-06-042
TDD No. TO-0001-08-11-02
WESTON W.O. No. 20406.012.001.0383.01
NRC Nos. 890448 and 890453
FPN N/A
CERCLIS ID N/A
EPA OSC Adam Adams
START-3 PTL Thomas Walzer

Submitted by

Weston Solutions, Inc.
Robert Beck, VP, P.E., Program Manager
70 NE Loop 410, Suite 600
San Antonio, Texas 78216
(210) 308-4300

22 December 2008

ACKNOWLEDGMENT OF COMPLETION REPORT

1. PROJECT IDENTIFICATION

Date: 22 December 2008

To: Adam Adams, On-scene Coordinator (OSC)
U.S. Environmental Protection Agency (EPA)
Region 6, Prevention and Response Branch

Through: Linda Carter, Project Officer (PO)
EPA Region 6, Program Management Branch

Through: Robert Beck, VP, P.E., Weston Solutions, Inc. (WESTON®)
EPA Region 6, Superfund Technical Assessment and Response Team (START-3)
Program Manager

From: Thomas A. Walzer, WESTON
EPA Region 6, START-3 Project Team Leader

Subject: Acknowledgment of Completion Report: KMCO TEG Release
16503 Ramsey Road, Intersection of Ramsey Road and Crosby Dayton Road,
Crosby, Harris County, Texas
Contract No. EP-W-06-042
TDD No. TO-0001-08-11-02
W.O. No. 20406.012.001.0383.01
NRC No. 890448 and 890453
FPN N/A
CERCLIS ID N/A
Latitude 29.921078° North
Longitude 95.053996° West

Geographic coordinates of the incident location were determined by START-3 members using the hand-held Global Positioning System (GPS) based on the World Geodetic System-1984, with accuracy estimated at less than 50-feet circular probable error.

2. SUMMARY OF ACTIONS

On 19 November 2008, the U.S. Environmental Protection Agency Region 6, Prevention and Response Branch (EPA-PRB) was notified by the National Response Center (NRC No. 890448 and 890453) of a potential release of 150,000 gallons of triethylene glycol (TEG) at the KMCO

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Plant at the intersection of Ramsey Road and Crosby Dayton Road in Crosby, Harris County, Texas. On 19 November 2008 at 1300 hours, EPA-PRB notified WESTON, the EPA Region 6 START-3 contractor, to perform a Tier 3 response investigation and to initiate all relevant response activities. START-3 arrived on-site at approximately 1445 hours on 19 November 2008.

Upon arrival on-site, START-3 met with KMCO representatives who told START-3 that Tank 94, a 200,000-gallon aboveground storage tank, had contained 191,000 gallons of makeup/stormwater when it collapsed. The rush of released water lifted Tank 319 off of its foundation causing it to tip over and sever the piping at its base. The severed Tank 319 piping released approximately 6,000 gallons of TEG into ditches on-site. Two railroad workers were hit with the spray from the collapse of Tank 94. The railroad workers were placed into emergency-rinse showers for 15 minutes and transported to a hospital for observation. KMCO had dammed the ditches and used vacuum trucks to recover the water and diluted TEG. The recovered water and TEG were placed in the facility wastewater treatment system. START-3 performed the following activities: (1) mobilized to the site; (2) monitored for organic vapors and lower explosion limit using a MultiRAE 4-gas meter; and (3) obtained logbook and photographic documentation of site conditions. During the site visit, START-3 monitored downwind of the facility and in the vicinity of the collapsed tank. Representatives of the Harris County Hazardous Materials Team also responded and collected soil samples upstream and downstream of the spill area to determine whether any off-site impacts had occurred. The results of the analysis of these samples were not available at the time of the writing of this AOC. KMCO representatives had not established the cause of the tank collapse. After reporting site conditions and air monitoring readings to EPA OSC Adam Adams, START-3 was released from the site at 1540 hours on 19 November 2008.

This final report was prepared as part of the requirements of the Technical Direction Document (TDD) No. TO-0001-08-11-02 and serves as documentation of work completed to date.

3. LIST OF ATTACHMENTS

A. Site Location Map

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- ✓ B. Site Area Map
- ✓ C. Copy of NRC Report Nos. 890448 and 890453
- ✓ D. Copy of START-3 Site Logbook
- ✓ E. Digital Photographs
- ✓ F. Pollution Report (POLREP)
- ✓ G. Copy of TDD No. TO-0001-08-11-02

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The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.

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The EPA Task Monitor has provided final approval of this report. Therefore, Weston Solutions, Inc. has submitted this report with the Task Monitor's approval.